

EXHAUST GAS PURIFYING APPARATUS FOR  
INTERNAL COMBUSTION ENGINE

5

ABSTRACT OF THE DISCLOSURE

10       An exhaust gas purifying apparatus for an internal  
combustion engine, wherein the efficiency of exhaust gas  
purification is enhanced by optimally controlling the  
operating condition of a plasma generator mounted in an  
exhaust passage in accordance with the exhaust gas  
atmosphere. The exhaust gas purifying apparatus includes  
15       a detection unit for detecting exhaust water content and  
exhaust temperature; and a control unit for controlling  
at least one of two factors, frequency or voltage of an  
AC voltage used to operate the plasma generator mounted  
in the exhaust passage, in accordance with the detected  
20       exhaust water content and exhaust temperature.